

USSN 10/635,865

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-2. (cancelled)

Claim 13. (currently amended) A method of treating a patient having a disease state involving intravascular coagulation selected from the group consisting of thrombotic stroke, deep vein thrombosis, pulmonary embolism, peripheral arterial thrombosis, emboli originating from the heart or peripheral arteries, acute myocardial infarction, disseminated intravascular coagulation, and acute pre or postcapillary occlusions,

which wherein said method comprises administering to said patient a lyophilized formulation comprising a weight to weight ratio of about 1 part activated protein C to between about 5 to 7 parts bulking agent.

14. (previously presented ) The method of Claim 13 wherein the bulking agent is selected from mannitol, trehalose, raffinose, and sucrose, and mixtures thereof.

15. (previously presented) The method of Claim 14 wherein the bulking agent is selected from trehalose, raffinose, and sucrose.

16. (cancelled).

17. (currently amended) The method of Claim 13 [[16]] wherein the acute pre or postcapillary occlusions include transplantations or retina thrombosis.

18. (new) The method of Claim 13, wherein the method further comprises administering to said patient by continuous infusion for about one to about forty-eight hours a dosage of about 0.01 mg/kg/hr to about 0.05 mg/kg/hr of activated protein C.

19. (new) The method of Claim 18, wherein the activated protein C is administered in a bolus injection followed by said continuous infusion.

20. (new) The method of Claim 13 wherein said disease state is thrombotic stroke.

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21. (new) The method of Claim 13 wherein said disease state is deep vein thrombosis.
22. (new) The method of Claim 13 wherein said disease state is pulmonary embolism.
23. (new) The method of Claim 13 wherein said disease state is peripheral arterial thrombosis.
24. (new) The method of Claim 13 wherein said disease state is emboli originating from the heart or peripheral arteries.
25. (new) The method of Claim 13 wherein said disease state is acute myocardial infarction.
26. (new) The method of Claim 13 wherein said disease state is disseminated intravascular coagulation.
27. (new) The method of Claim 13 wherein said disease state is acute pre or postcapillary occlusions.
28. (new) The method of Claim 27 wherein the acute pre or postcapillary occlusions include transplantations or retina thrombosis.